

# 企业加工设备

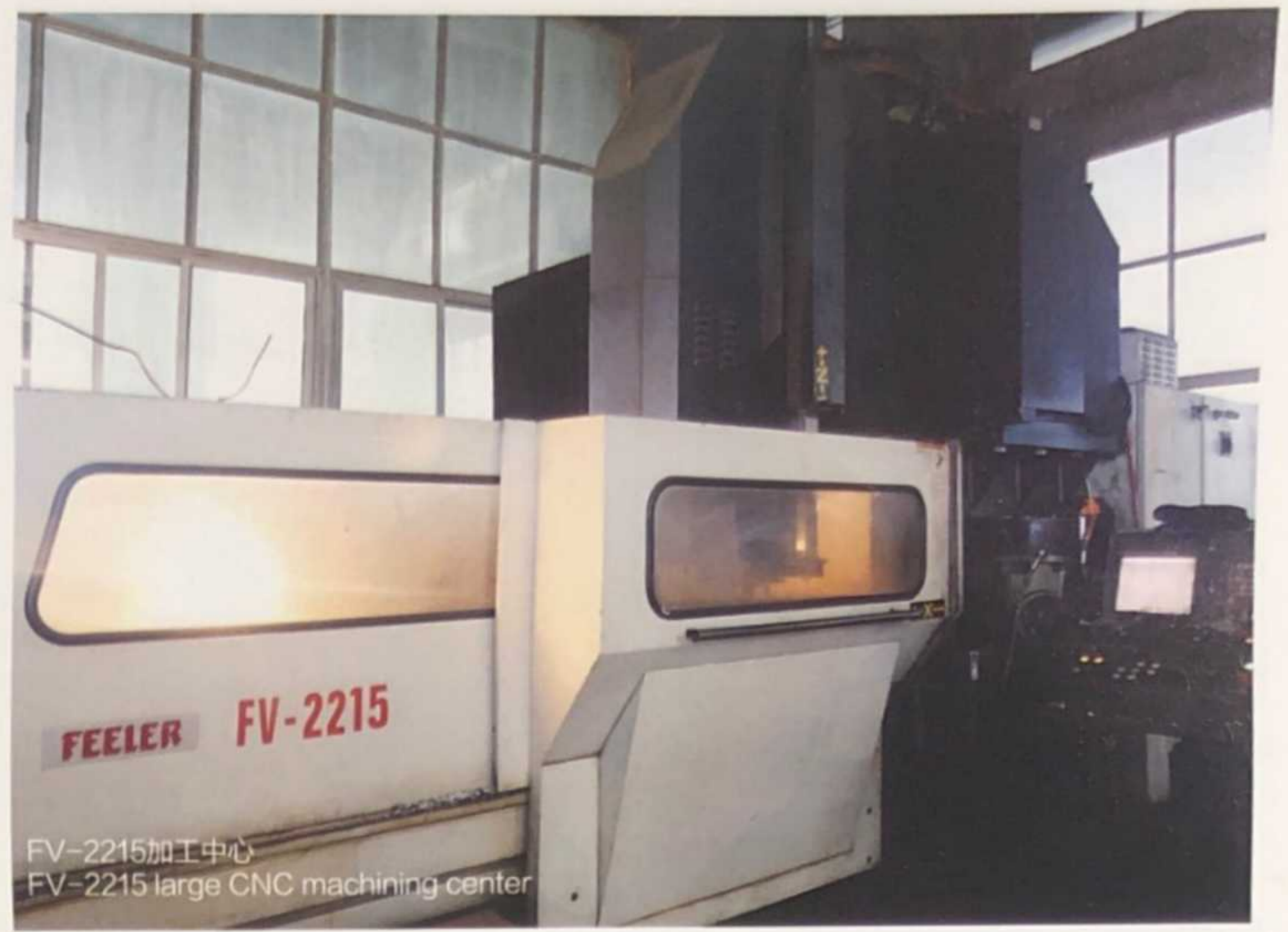
Company processing equipment



3200 × 12600mm龙门刨铣床  
3200 × 12600mm Gantry planer milling machine



2500 × 6000mm卧式车床  
2500 × 6000mm horizontal lathe



FV-2215加工中心  
FV-2215 large CNC machining center



4000 × 8000大型加工中心  
4000 × 8000 large CNC machining center

# 钢丝绳(织物)芯输送带平板硫化生产线

Steel Cord (Multi-fabric) Conveyor belt Plate Curing Line

## ◆ 性能优越

结构设计先进, 运行稳定, 劳动强度低, 生产线率高。

## ◆ 设计完善

使用CAD、Solid works等设计软件进行设计和有限元分析, 保证产品设计质量

## ◆ 功能完善

完整完善的控制系统; 生产线各设备可实现手动、自动和全线必要的联动。

## ◆ 名牌部件

PLC、触摸屏、常规原件和主要液压与气动元件采用国内外知名品牌。

## ◆ Superior performance

Advanced structural design, stable operation, low labor intensity, high production efficiency.

## ◆ Well-designed

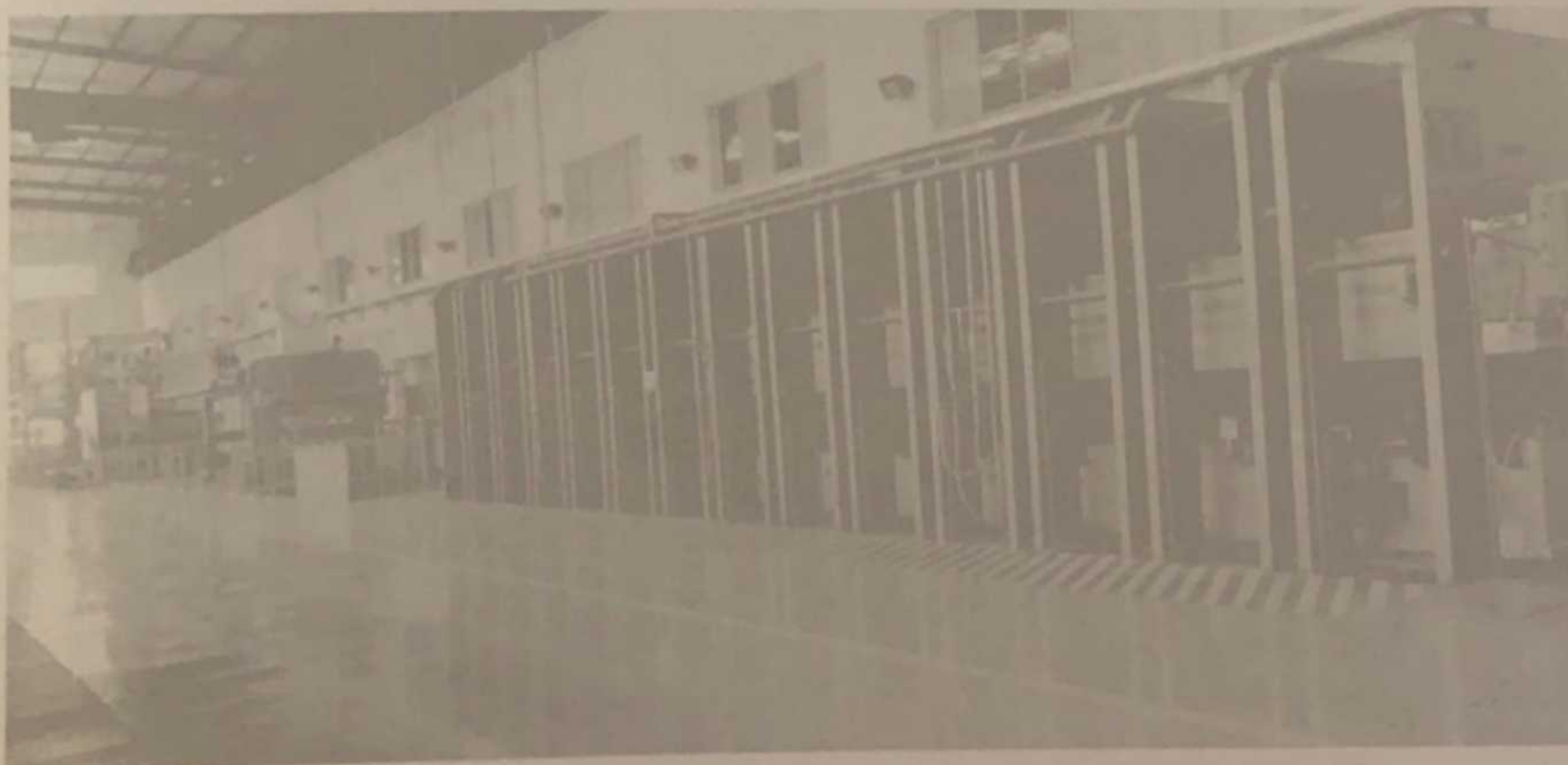
Using CAD, Solidworks and other design software to design and finite element analysis to ensure the quality of product design

## ◆ Perfect function

Perfect control system; production line equipment enables manual and automatic type, the full range of necessary linkage.

## ◆ Brand-name components

PLC, touch screen, and hydraulic and pneumatic etc. components using brand-name products.





# 锭子架

## Spindle frame

采用最新的结构形式，每个锭子均配置一台力矩电机减速器对钢丝绳施加初张力及回拉，钢丝绳导开时轻便，框架材料使用矩形管，结构稳定，美观。钢丝绳锭子由框架内的电动吊机进行装取。在每组钢丝绳锭子及钢丝绳出口处均设有高耐磨自润滑陶瓷钢丝变位导向装置，以确保钢丝整齐排列，并减少钢丝磨损。

Using the latest form of the spindle mechanism , each spindle are equipped with a torque motor reducer to supply the initial tension to steel cord and also can pull back the steel cord. Steel cord can be opened lightly and easily, The main frame use the rectangular tube frame materials which is light weight , structural stability and beautiful. The spindle is hoisted by three electric hoists which is inside the framework, In the position of each set of steel cord spindle and the outlet of the spindle, there has the cord guide device made by the ceramic which is high self-lubricating and wear resistant , they can ensure the cords to be neatly arranged and reduce the wear loss of the galvanization of the steel cord.





高耐磨自润滑陶瓷钢丝变位导向装置  
The steel cord guiding and displacement device made by ceramic has the function of high wear resistant and self lubricating.



初张力状态下的钢丝绳  
The steel cord under the state of the initial tension



# 张力装置

Tensioning device



入口处使用氧化陶瓷管，减少钢丝绳镀锌层的磨损。单根钢丝绳的张力油缸采用整体结构，故障率低。张力平台的导向采用直线导轨，保证平台升降的准确性。

The entrance using oxide ceramic, reducing wear and tear of cord galvanized layer. Single rope tension cylinders apply the overall structure, low failure rate. Tension oriented platform using linear guide, to ensure the accuracy of the lifting platform.

# 主硫化机

## The Main vulcanizer

主机油缸采用斯特封加防尘结构密封，确保不泄露，密封圈采用专业制造商生产的密封圈，是行业内的知名品牌；平台焊接采用特殊筋板焊接工艺，加工前先进行退火处理，保证加工后不变形；设备的数据采集元件，如温度传感器、压力变送器、温度显示仪等部件采用优质品牌，提高设备的控制精度。液压自动顶铁、油缸平衡装置、数据显示和操作人性化。

The main cylinder use step seal and dust-proof structure,ensure no leakage,all the seals are from branded company;platform using a special welding rib welding.First annealing process to ensure that no deformation in after processing; data acquisition equipment components such as temperature sensors, pressure transmitters, temperature indicator etc. components all use of high quality brands, improve the control accuracy.

Hydraulic automatic side edge iron device,Hydraulic type cylinder balance device, data display and user-friendly operation.





# 夹持拉伸装置

Clamp and stretching device



前夹持拉伸装置的导向轴固定在主硫化机下垫台内，随下垫台升降而升降，拉伸油缸满足胶带硫化前的拉伸量，在中夹持、液压自动顶铁和脱锅装置的配合下，对粘在热板上的胶带脱离，满足设备对带子的拉伸工艺性。

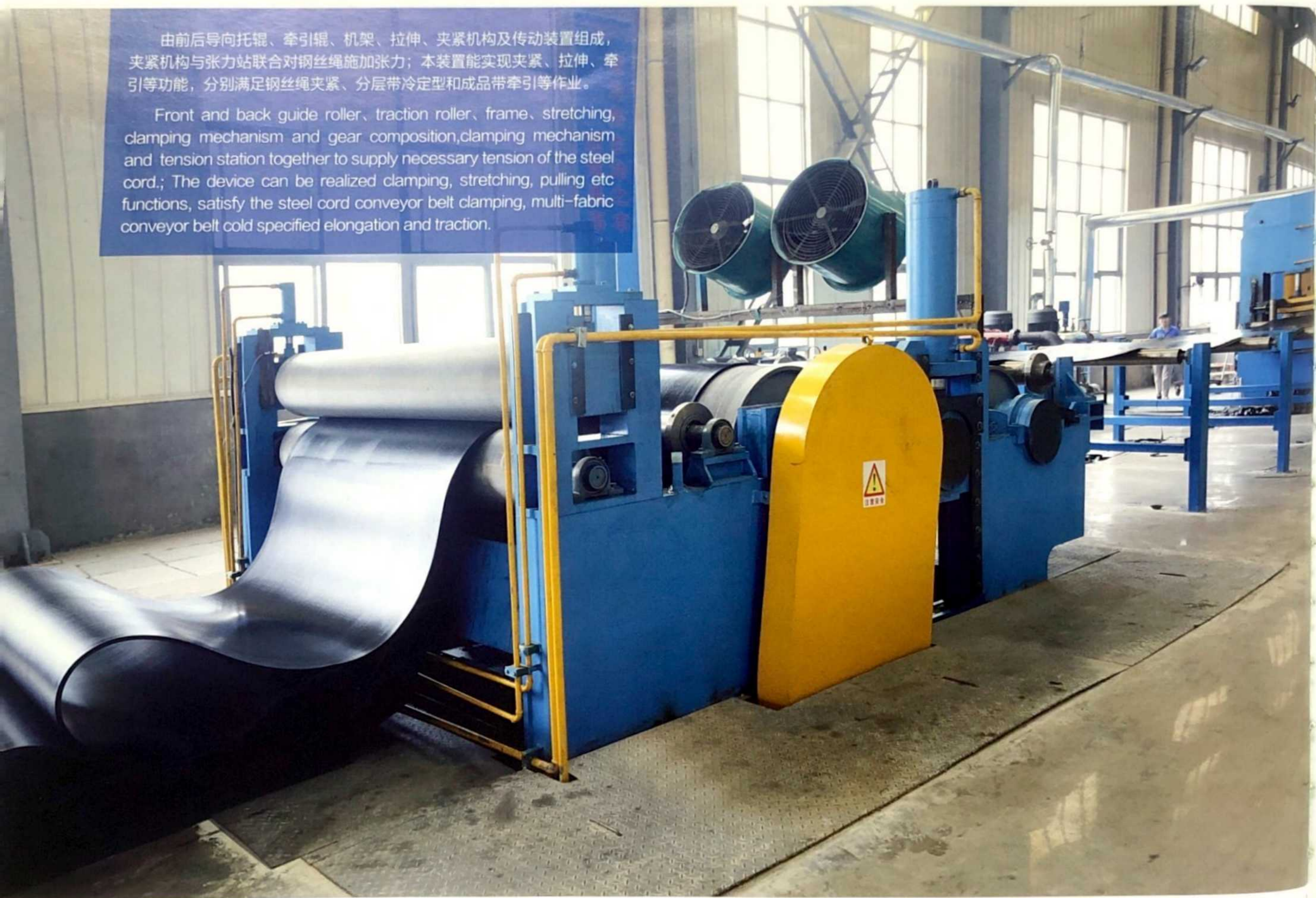
The guiding axis of the head stretching device is fixed on the bottom platform of the main curing press, it is movable with the lifting and lowering of the bottom platform, the stretching cylinders can meet the requirements of the green belt before the vulcanization. With the help of the middle clamping, the hydraulic automatic side iron, the off-platen device, the conveyor belt can be moved away from the hot platen after the vulcanization and also meet the stretching requirement of the conveyor belt.

# 多功能拉带机

Multi-functional belt pulling device

由前后导向托辊、牵引辊、机架、拉伸、夹紧机构及传动装置组成，夹紧机构与张力站联合对钢丝绳施加张力；本装置能实现夹紧、拉伸、牵引等功能，分别满足钢丝绳夹紧、分层带冷定型和成品带牵引等作业。

Front and back guide roller, traction roller, frame, stretching, clamping mechanism and gear composition, clamping mechanism and tension station together to supply necessary tension of the steel cord.; The device can be realized clamping, stretching, pulling etc functions, satisfy the steel cord conveyor belt clamping, multi-fabric conveyor belt cold specified elongation and traction.



# 液压切带机、修补硫化机、卷取包装机、液压系统

Hydraulic belt cutting device、Belt repair vulcanizer、Winding & packaging machine、Hydraulic system.



液压切带机  
Hydraulic belt cutting device



修补硫化机  
Belt repair vulcanizer



卷取包装机  
Winding & packaging machine.



液压系统  
Hydraulic System